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McTEAR & CO'S Roofing

H. REINSTEDLER
WHOLESALE IMPORTER & DEALER

N^os 1104 to 1108

NORTH THIRD STREET
ST. LOUIS, MO., U.S.A.

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H. REINSTEDLER,

WHOLESALE
IMPORTER AND DEALER,

1104 TO 1108 N. THIRD STREET,
ST. LOUIS, MO., U. S. A.

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PRIZE MEDAL.
International Exhibition.



PRIZE MEDAL.
International Exhibition.

McTEAR & CO., LIMITED

HEAD OFFICE AND
FACTORY, BELFAST,



PRIZE MEDAL

BRANCH OFFICES AND FACTORIES,

MANCHESTER AND LONDON,

MANUFACTURERS OF

ASPHALTE ROOFING FELT.

HAIR FELT, for Covering Boilers, etc.

SARKING FELT.

SHEATHING FELTS, for Ships' Bottoms.

H. REINSTEDLER,

WHOLESALE IMPORTER AND DEALER.

NUMBERS 1104 TO 1108 NORTH THIRD STREET,

ST. LOUIS, MO., U. S. A.

SPECIAL NOTICE.

TO THE TRADE.

M_{ESSRS.} McTEAR & CO., Limited, are the largest manufacturers of Roofing in the world, with factories in Belfast, Manchester and London. They have been engaged in the exclusive manufacture of their PATENT FLAX ROOFING for nearly half a century, and are now selling it all over the United Kingdoms of Great Britain and Ireland, and also in India, Africa and Australia, and it has given good satisfaction everywhere. They refer you to letters received from those who have used it for from 20 to 30 years, in different countries, copies of which are published in this pamphlet. No other concern in the world can produce such references. They have sufficiently tested it to warrant the assertion that it is adapted for use in every climate, and not affected by extremes of heat or cold.

The materials used in the manufacture of this PATENT FLAX ROOFING (i. e. Irish Flax and Native Asphalte), insure a production that is superior to anything in the U. S. market. Irish Flax, of all fibres is the most lasting and the least subject to decay, and being saturated with native Asphalte and compressed by great force into one fibre, it is the most durable roofing made.

The market is flooded with worthless layer-stuck "Prepared Roofings," and if the trade wants to be absolutely certain of getting a meritorious roof covering, McTear's Flax Roofing will meet the requirements.

This Roofing is not manufactured in the States, but is imported direct from the factories.

McTear & Co., in this their first effort to offer their PATENT FLAX ROOFING to the American trade, do so with full assurance of complete satisfaction.

Send for Samples and Prices.

H. REINSTEDLER,
WHOLESALE IMPORTER,

NOS. 1104 TO 1108 NORTH THIRD STREET,

ST. LOUIS, MO.
U. S. A.



MADE OF IRISH FLAX AND NATIVE ASPHALTE.

AVERAGE LIFE, 20 YEARS.



FOR FLAT AND STEEP ROOFS.

WATER, FIRE AND ACID PROOF.

APPLIED BY ANY ONE. NOT AFFECTED BY HEAT AND COLD.

NOTE.—This Felt is made in a solid fabric, therefore it cannot crack, and there are no layers to slide apart, as is the case with domestic layer-stuck Felt.

HEAVY, CHEAP, STRONG AND DURABLE.

HOW AND OF WHAT IS THIS ROOFING MADE?



ABOVE Above cut shows actual thickness of the first grade of Felt.

This Roofing is made of Irish Flax finely carded together, thoroughly saturated with native asphalte (as pure as can be made) and rolled under heavy pressure, producing a firm, strong and solid fabric. It is made in three grades or thicknesses; the first grade is intended for all substantial buildings, the second and third grades for temporary structures. The third grade is as heavy and will last longer than the domestic layer-stuck "Prepared Roofs."

HOW PUT UP.



This Roofing is put up in rolls 25 yards long and 32 inches wide, a sufficient quantity to cover 200 square feet of surface, allowing for the laps and flashings. These rolls are packed in strong skeleton crates, four rolls in each crate, and when sold as Roofing complete, 2 gallons of patent varnish for coating, 1½ pounds of tin washers and 1 pound of barbed wire nails for fastening will accompany each order.

WHAT ARE THE ADVANTAGES OF A GOOD FELT ROOF, I. E., McTEAR & CO.'S FLAX ROOFING?

A GOOD FELT ROOF has a good many advantages over other forms of Roofing.

It can be used on flat as well as steep roofs, a fall of one inch to the foot only being necessary to prevent standing water.

It will not rust or corrode, which soon ruins a tin or iron roof.

Any one can apply it without previous experience.

It is very light, weighing when laid only about 85 pounds to 100 square feet.

It is cheaper than shingles, slate, tiles, thatch, adobe, tin or iron.

It will last AS LONG, IF NOT LONGER, than any of the above mentioned, or other forms of roofing extant.

It can be repaired at very little cost.

It is a non-conductor of heat and cold.

It is absolutely water-proof and practically fire-proof.

Acids and gasses do not affect it.

It withstands successfully the extremes of heat and cold, and sudden changes of temperature.

It has strength sufficient to resist high winds and rough usage.

The Felt is made of Irish Flax and native asphalte.

It is thicker and more durable than any other manufacture.

The Felt is a solid fabric—no layers to split or slide apart.

It will not crack, as is the case with layer-stuck felts now on the market.

The coating used is the best roof coating made.

**SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.**

HOW LONG DOES IT LAST?

FROM MESSRS. BLACKBURNE, PAGE & WEST, CIVIL ENGINEERS, SURVEYORS, VALUERS AND AGENTS
FOR THE FIRE INSURANCE CO., UNION
STREET, OLDHAM, ENGLAND.

October 9th, 1888.

Dear Sirs—The Roof put up for the Voluntier Regiment of this town, by Messrs. McTear & Co., Belfast, has been in existence since August, 1872. The felt is of the kind generally used here, and it has been exposed as much as it well could be to intense heat and cold and under changes of the weather. The roof measures 160x100 feet. When put on it was guaranteed for ten years. We are now in the seventeenth year and think that it will last five years longer. We like it very much.

BLACKBURNE, PAGE & WEST,
Per JAS. L. PAGE,
Capt. 6th Vol. Bat., Manchester Reg.

FROM THE BELFAST ROPEWORK CO., LTD., BELFAST, ROPE
AND TWINE MANUFACTURERS.

October 27th, 1888.

Dear Sirs—We are in receipt of your favor of 26th inst., and in reply, we think that the fact of your having erected about 200,000 square feet of Felt Roofing (viz., about five acres) for us, during the past nine years, is a sufficient "expression of opinion" that your Roofs are suitable for our purpose, and that we are satisfied with the manner in which the work has been carried out.

July 19th, 1889.

Dear Sirs—We estimate the average life of McTear & Co.'s Roofing to be 20 years. We had some roofs which must have been up over 20 years, but owing to alterations we were compelled to take them down, and they were then in good condition. We do not think that extremes of heat and cold have any effect upon these roofs.

Messrs. MCTEAR & CO., LTD., Belfast.

**FROM MESSRS. NESBIT BROS., HYDE PARK MACHINE
WORKS, TOWNSEND STREET, BELFAST.**

October 31st, 1888.

Dear Sirs—We have much pleasure in intimating that we are thoroughly satisfied with the roofs you erected for us. Some of them have been erected for more than 25 years and are still satisfactory.

August 12th, 1889.

Dear Sirs—We have used Messrs. McTear & Co.'s Flax Roofing for more than 25 years, and we take pleasure in saying that it is not affected by extremes of heat and cold, or by expansion and contraction of the sheathing. This roofing is used largely throughout the United Kingdom, and is inexpensive and very durable.

Messrs. McTEAR & CO., LTD., Belfast.

FROM MCTEAR & CO., LTD., BELFAST, IRELAND.

December 29th, 1888.

The actual life of our Flax Roofing, like all other roofs, depends entirely upon the care it receives. We have some roofs on our own buildings which have been on for 30 years. However, we estimate the average life to be 20, 12 and 6 years, for first, second and third grades respectively. We guarantee the first grade for 10 years where we put it on ourselves, which we have no hesitancy in doing.

**FROM MESSRS. COMBE, BARBOUR & COMBE, ENGINEERS,
BELFAST.**

July 31st, 1889.

Dear Sirs—We have been using Messrs. McTear & Co.'s Flax Roofing about 30 years, and it is at the present time in very good order indeed. Of course we make an occasional inspection of the roofs and recoat them about every 18 months, or as often as we deem it necessary. All our roofs are covered with McTear & Co.'s Flax Roofing, and we consider it as good a covering as slate.

SEND FOR PRICES AND TERMS TO DEALERS.

**FROM WM. MCCONNELL, ESQ., KNOCKDOLIAN, COLMONELL
AYRESHIRE.**

November 13th, 1888.

Dear Sirs—I have pleasure in being able to give a good report of your Roofs. I had two of them in 1872, and have had but little trouble with them since. This year I had another roof from you, 56x42 feet, a considerable improvement on the former ones, being much stronger made, and which, with ordinary care, should last a generation or two.

Messrs. McTEAR & Co., Ltd., Belfast.

IS IT ABSOLUTELY WATERTIGHT ?

**FROM MESSRS. COMBE, BARBOUR & COMBE, ENGINEERS,
BELFAST.**

October 31st, 1888.

Dear Sirs—in reply to your inquiry, we have pleasure in informing you that we have a large experience of your Roofs, extending over a great many years. They have always given us satisfaction, as they are watertight, light and cheap.

Messrs. McTEAR & Co., Ltd., Belfast.

**FROM MR. JOHN W. RITCHIE, GENERAL MERCHANT AND
FUNERAL UNDERTAKER, HIGH ST., COMBER, CO. DOWN.**

October 26th, 1888.

Gentlemen—It gives me much pleasure in testifying to the satisfaction I have had with the Circular Span Roofs you erected for me in 1884. Since then I have never noticed even one flaw, and they have been perfectly watertight with comparatively little attention. The appearance is light and airy, while maintaining the necessary strength and durability; and as for economy I consider it the cheapest covering for large spaces.

Messrs. McTEAR & Co., Ltd., Belfast.

**GOODS IMPORTED DIRECT FROM FACTORIES IN BELFAST,
MANCHESTER AND LONDON.**

**SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.**

IS IT FIREPROOF?

COPY OF LETTER FROM MCTEAR & CO., BELFAST, IRELAND.

December 29, 1888.

Dear Sir—Nothing in this world is fireproof, not even an iron roof, as if a fire takes place in a building the iron roof will be destroyed along with the building; but in the manner to which you refer, viz., falling sparks, our felt is, we believe, fireproof. A falling spark has never yet been known to set one of our Felt Roofs on fire, nor even the large showers which come out of blast furnaces, and there are thousands of felt-covered roofs in this country in connection with foundries and mills of all sorts. A Felt Roof is also impervious to air, and therefore actually retards the fire instead of helping it, as the heat from the inside of a burning building in ordinary cases makes the slates fly, and gives free vent to the flames, while the Felt Roofing, being air-tight, thereby retards the progress of the fire. There is no known case of a Felt Roof taking fire from the outside from falling sparks and fire brands.

HOW DOES IT LAST IN HOT AND COLD CLIMATES?

This Roofing has been manufactured by McTear & Co. for more than forty years, and during this time it has been sufficiently tested in all parts of the world to warrant the assertion that it is not affected by extremes of heat and cold, and is therefore adapted to all climates.

Being a non-conductor, it is a protection from intense heat in summer and excessive cold in winter.

SEND FOR SAMPLES AND PRICES.

**COPY OF LETTER FROM MESSRS. MCTEAR & CO., BELFAST,
IRELAND.**

March 5th, 1889.

Dear Sir—We have sold our patent Asphalt Roofing for many years in Egypt, India and Australia; also in the northern part of Africa besides Egypt—for instance, Oran—and we never heard a complaint as to its being affected by the intense heat of those regions.

COPY OF LETTER FROM MESSRS. MURDOCH & TEMPLETON, MANSOURAH EGYPT.

July 31, 1889.

Dear Sir:—We take pleasure in informing you that we are very well pleased with McTear & Co.'s Roofing, as regards its appearance, strength and durability. The weather here is, as you know, extremely hot, but it does not injure the Roofing in any way.

Our roofs were erected about five years ago. It is the cheapest system of Roofing we know of, and we can cheerfully recommend it to any one who may require a good, cheap roof.

**COPY OF LETTER FROM ROBT. FISHER, BANGOR CASTLE,
BELFAST.**

July 24th, 1889.

Dear Sir—I am very much pleased with McTear's Roofing. It has stood the test of all kinds of weather remarkably well. It has now been on five years, and looks as good as when put on, and I should think it would last a lifetime. The weather seems to have no more effect on it than on slate roofs. In the North of Ireland we have very sudden changes of weather from heat to cold, and heavy and continued rains after long spells of dry weather, but it never takes any effect on the Felt. I have never seen anything to equal this form of Roofing anywhere; and this opinion has been expressed by everyone who has seen it.

Messrs. McTear & Co. will give you all the information you desire, and I may say that any information they may give you may be relied on, as they stand very high in this country.

I refer you, furthermore, to letters from the Belfast Ropeworl Co., Limited, and Nessitt Bros., both of Belfast, copies of which will be found elsewhere in this pamphlet; also, to Dennys, Lascelles, Austin & Co., of Melbourne, Australia, who have used this roofing for many years in that section of the world.

IS IT BETTER THAN DOMESTIC "PRE-PARED ROOFING?"

This Felt is far superior to domestic manufactures for the following reasons: In the first place, its very nature makes it more durable. It is a well-known fact that Irish flax of all fibres is the most lasting. Asphaltum is far superior to coal tar as to durability. In a paper read before the American Institute of Mining Engineers, at Buffalo, New York, by Capt. F. V. Greene, on "Asphalte and Its Uses," the following article appeared, which shows the difference between the lasting qualities of asphalte and coal tar:

TAR.

"This is the well-known product resulting from the distillation of bituminous coal in the manufacture of illuminating gas. There are various products of coal tar, but the only ones that have any cementing qualities are the residuum of distillation at various points, known in commerce as roofing and paving pitch. These resemble the native asphalte so closely in outward appearance that they were thought at one time to be equally valuable; but experience has shown that is not the case. These products are the result of destructive distillation, arbitrarily stopped at a certain point. Their chemical arrangement has been disturbed and has not reached a stable compound. Under the influence of heat and moisture, when exposed to the air, more oxygen is absorbed and a slow distillation takes place, which in time becomes an ultimate distillation, reduces the substance to a friable coke, deprived of all cementing qualities. In situations where these substances are not subjected to the influences of the air the cementing qualities are retained for many years; but the presence of an unlimited supply of oxygen and the sun's heat causes them to deteriorate rapidly. To overcome this tendency, the practice has arisen of mixing gas tars with genuine asphalte; and this has been successful in proportion to the amount of asphalte used—most successful of all when the asphalte is 100 per cent and the coal tar 0."

McTear & Co. use asphalte in saturating their Felt and domestic manufacturers use coal tar.

Again, this Felt is made in one fabric, and not made by sticking two or three layers of thin Felt together with coal tar, as is the case with "prepared roofing" made in the States. One of the most serious objections to domestic felt lies in the fact that these several layers split apart, and especially in warm weather; tar naturally softens and the layers slide apart, which is not only annoying, but very injurious to the roof. I have seen the felt in a condition that you could pull the different layers apart with the hand—not enough coal tar to hold it together. Again, in view of the fact that the felt is made up in layers it very often cracks badly. Sometimes only the upper layer will swell up and crack open and allow the water to get in and ruin the roof, but I have seen roofs in many cases where the felt would be cracked clear in two in many places, rendering the roof entirely unserviceable. Any one who has had experience with such felt roofs will readily understand these remarks.

McTear & Co.'s Felt has never been known to crack, and this is one of the reasons why it is far superior to similar domestic goods. Again, I have seen felt that could not possibly be unrolled, especially in warm weather. It is rolled up when freshly saturated, and, of course, it sticks together. In forcing it open, the felt is not only wasted, but weak spots are made in the roof. This is never the case with McTear & Co.'s Felt, as it unrolls freely without any sticking together. Again, the first grade of felt is much thicker than any other manufacture, the medium grade being fully as heavy as the 3-ply domestic felt. Again, the felt is put up in rolls seventy-five feet long. The domestic is only forty feet to the roll. The advantage is in the saving of a good many unnecessary joints in the roof.

I kindly ask you to examine the samples of McTear & Co.'s Felt, and a comparison with similar domestic goods would be advisable. Prices made and samples forwarded on application.

SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.

 SEND FOR PRICES AND TERMS TO DEALERS.

DOES THE FELT CRACK?

COPY OF LETTER FROM MC TEAR & CO., BELFAST, IRELAND.

February 21, 1889.

CRACKING.—The Felt is not fastened to the boards in any way except along the edges of the Felt, where they overlap; the contraction of the boards is from the edges in to the center, and is never very great, and the Felt being 32 inches wide and the boards only, we presume, from 7 to 9 inches, or possibly 12 inches, broad, the contraction is of so slight a nature that it never does any harm. We have never known Felt spoiled by the contraction of the boards; in fact, we consider it almost an impossibility, unless the boarding is extremely narrow, when, of course, there would be at least as much contraction in a narrow board as in a broad one. There is no danger in this point, and even with very narrow boards, unless the Felt has been tarred down to them, there is no danger. If the Felt is to be used in a very exposed or very windy situation it might not be any harm to run a little of the tar or varnish down the centre of the boards, so that the Felt would adhere to the boards and not be raised by the wind. By sticking the Felt in this manner to the center of the board it is fastened to the point where the contraction or swelling is of the least extent, as the swelling or contraction is in to the centre or out from it.

CAN ANYBODY PUT IT ON?

This Roofing can be put on by anyone without previous experience. Full directions accompany each shipment. If these instructions are followed one man can put on 6 squares, or 600 square feet, in a day. This is one of the great advantages this Roofing possesses:

EVERY MAN HIS OWN ROOFER.



Above Cut shows Method of Application.

DIRECTIONS FOR USING PATENT ASPHALTE ROOFING.

The Sheathing should be dry and well seasoned, and laid close together. See that the roof is clear of **chips**, nails, etc., then commence laying the felt, with the inside down, parallel with the eaves or gutter, securing the lower edge with the washers and nails. Then lap the second sheet over



(Showing lap of Felt nailed).

the first one full two inches, thoroughly coating the felt between the lap with the Patent Varnish and nail with the wire nail every inch and a half in center of lap, using the tin cap for head of nails; continue until the roof is entirely covered, being careful to make proper fastenings

around chimneys, scuttles, skylights, etc., and along adjoining walls, if there be any, by turning the felt up about five inches, coating between felt and wall, and cleat tightly. To fasten the felt at gables or eaves of frame buildings, where there are no adjoining walls, it is well to use a wooden cleat about five-eighths of an inch thick and one inch wide, and turn felt down and securely nail with a ten-penny nail every six inches. When this is done be careful to cut the felt an inch longer than the roof on each side, so it can be turned down and nailed through as above. This makes a neat and satisfactory finish. After the felt is all laid give the entire surface of the roof a coat of the Patent Varnish. Should the felt be found stiff or liable to crack in unrolling, from being too long in the roll, it should be put near a stove for a short time—not too near—and then it will unroll freely; this, however, is seldom the case. Joints can be made in the roof at any place, the same as the overlaps. Do not drive any nails into the felt, except at joints, or in laps. Dry weather is advisable for putting on this roofing. On flat surfaces it is well to lap three or four inches, instead of two as directed above. In forming gutters out of the felt put down

an extra sheet, running the felt lengthwise, cementing between and fasten with washer and nails on each side.

The varnish should be melted over a slow fire in a vessel, and not boiled or overheated, as so doing makes it get too thick.

It requires merely to be brought to a liquid state; apply while of the right consistency, and exercise care in spreading so as not to injure the felt by rubbing up the fibre with the brush. Two gallons of coating are furnished for each square, and no more should be used, as it will be too thick. Sprinkling fine dry sand on the roof, before the coating has set, adds to its life and serves to hold the coating in its proper place. Should the felt get wet before being coated, allow it to dry before varnishing. After the felt has been coated with the Patent Varnish it can be painted any other desired color with ordinary mineral paint.

The roof should be repainted every 18 months after its application, and this should always be done on a dry day, and, if possible, in the autumn before the frosts come.

NOTE—If these directions are not observed good results should not be expected.

CAN IT BE PUT ON OVER OLD SHINGLES?

A QUESTION FREQUENTLY ASKED.

Shingle roofs leak for many* reasons. Perhaps they are old, or the roof too flat; either of which unfits it for its purpose. People are greatly annoyed with such roofs, and it is a question how to remedy the difficulty. Some try to repair these roofs by driving in new shingles here and there, wherever there is a leak, but this has been almost totally abandoned, in view of the fact that it only affords a temporary relief. Such roofs can be made to do good service for quite a while longer by covering them with McTear & Co.'s Patent Flax Roofing. To do this, see that the roof is clear of rubbish, and remove all projections that would prevent the felt from laying flat on the surface and then apply the same as on a new roof.

This will lengthen its life, and cost about one-half as much as new shingles.

However, as this felt will not prove so durable in this case as when applied to an even surface, I recommend that the shingles be removed and the roof boards placed close together, and then apply the felt, which will make a more satisfactory job.

When putting on this roofing over shingles, a longer nail should be used, in order that it may go through the shingles into the sheathing.

DO ACIDS OR GASES AFFECT IT ?

COPY OF LETTER FROM MCTEAR & CO., BELFAST, IRELAND.

February 21, 1889.

ACIDS OR GASES.—Our Felt is not affected in the least by either acids or gases. We have erected our Roofs over the Amonia Tanks for the Belfast Gas Works, over Manure Beds for Lord Brassey, and for the Government Board of Works, Dublin, in all cases with the most satisfactory results. They are also largely used in such mining towns as Widnes, where the acids and gases are almost a portion of the atmosphere, while Foundries and Machine Shops all over the Kingdom are covered therewith, and have been for four decades past.

THE BEST ROOF FOR MANUFACTURERS.

CAN HIGH WINDS BLOW THIS ROOF OFF ?

FROM MESSRS. POLLOCK & POLLOCK, MERCHANTS, LEEDS.

December 5th, 1881.

Dear Sirs—We will be glad to show any one the Roofs you erected for us some eleven years ago. They are still in very good condition—although

in a very exposed situation—and they have stood the beat of gales which have blown down brick buildings in the immediate vicinity.

The sizes are: 130x30 feet; 40x42 feet; 100x28 feet.

Messrs. McTEAR & Co., Ltd., Belfast.

**FROM MESSRS. RANDALL & PORTER, TANNERS AND
LEATHER MERCHANTS, ULVERSTON.**

November 10th, 1888.

Gentlemen—The Circular Felt Roof you erected for us last summer, we are glad to inform you, has given us every satisfaction, and we regard it as the cheapest roof we could have had. We have had lots of people down to see it, and they inform us it is the best-looking roof in the district. We have had some very rough winds of late, and it has never moved. We believe it would stand a very rough gale. We shall be very glad to recommend your Roofs to any one in this district; and if our name is of any use to you, you are quite at liberty to use it. Our Mr. Randall was connected with a tanyard where they had one of your Roofs for twenty years, and it is just as sound to-day as it was the day it was erected.

Messrs. McTEAR & Co., Ltd., Belfast.

**FROM JOHN CUNNINGHAM, ESQ., MILLFIELD, BUNCRANA,
CO. DONEGAL.**

November 23rd, 1881.

Gentlemen — The large Circular-Roofed shed, 96x42 feet, which you put up for me—five years ago, I think—has withstood all storms since in a manner quite satisfactory to me. The terrible hurricane of Monday night, which has demolished our slated sheds in the Derry Corn Market and many other less public structures in the district, has not injured my shed beyond the ruffling of the asphalt on one corner, although its position exposed it to the full fury of the storm off Lough Swilly.

Messrs. McTEAR & Co., Ltd., Belfast.

WHAT IS IT USED ON ?

This Roofing is adapted for use on all kinds of buildings where the roof has an incline of not less than $1\frac{1}{2}$ inches to the foot. It is used extensively and is particularly adapted for use on Warehouses, Factories of every description, Machine Shops, Lumber Sheds, Street Car Stables, Livery Stables, Agricultural and Mechanical Buildings, Foundries, Mining Buildings, Saw Mills, Cattle and Sheep Sheds, Cotton Compress and Warehouses, Flouring Mills, Residences, Barns, Hay Sheds, Corn Cribs, Stores, Pipe Works, Fair and Exposition Buildings, and in fact on all buildings where a good, strong, durable, cheap, fire and waterproof, light weight, easily-constructed roof is desired or required.

WHERE IS IT USED ?

McTear & Co. have been engaged in the exclusive manufacture of these goods for nearly half a century, and have sold them with satisfaction all over the United Kingdoms of Great Britain and Ireland, and also in India, Africa and Australia.

Many houses in this territory have been covered with this Roofing for twenty years, and some for forty, and in no single instance have they heard complaints of the effects of heat or cold.

In this their first effort to offer it to the American trade, they do so with a full assurance of complete satisfaction.

Note references given in this pamphlet from different countries.

HOW MUCH DOES IT WEIGH ?

This Roofing is very light weight, weighing only about 85, 70 and 60 pounds per square for 1st, 2nd and 3rd grades, respectively, when laid on the roof. Therefore quite a saving can be realized not only in the construction of the frame work of the roof, but also in freight, which comes enormously high on tin, iron, etc.

WHAT IS IT COATED WITH ?

PATENT ROOF COATING.



PUT UP IN BOXES, KEGS AND BARRELS.

A coating should be a protection to the Felt, and it must therefore necessarily possess a body. Domestic manufacturers furnish a coating which, when applied to the Felt, either soaks in or runs off, leaving the surface of the Felt exposed to the influences of the atmosphere.

McTear & Co.'s Coating will neither crack, scale or run off, but stay where it is put; has a good body and is a protection to the Felt.

This Patent Varnish has been manufactured by McTear & Co. for more than thirty years, and during this time it has been sufficiently tested to warrant the assertion that it is not affected by extremes of heat and cold.

CAUTION---BEWARE OF MISREPRESENTATIONS! BUY MC-TEAR & CO.'S FLAX ROOFING. IT IS THE BEST.

HOW OFTEN SHOULD IT BE RECOATED?

KEEP YOUR ROOF IN ORDER.

The roofs of houses are generally neglected, and are only looked after when serious leaks occur; generally in the most inconvenient seasons. This difficulty would never occur if proper attention were given to recoating roofs as often as necessity requires. Then the question arises, what coating shall be used? My advice is, use only the best. How often should a roof be painted, is a question not easily answered. Roofs are affected according to the climate where they are laid. McTear & Co.'s Flax Roofing should be recoated with their Patent Varnish about every year or eighteen months, or as often as is necessary to keep a skin over the felt. An occasional inspection will keep you posted as to the condition of your roof. All roofs need attention; tin or iron will soon rust if not kept well painted. The cost of keeping this Roof in good condition is very little, much less than tin or iron.

If the above instructions are followed, your roof will last a long time.

See directions for applying the Roofing.

SEND FOR SAMPLES AND PRICES.

IS IT CHEAP?

CHEAPER THAN SHINGLES, TIN, IRON OR SLATE.

The cost of this roofing, comparatively speaking, is less than any other in the market, including tin, iron, slate or shingles, when all its advantages are considered. It actually costs no more than domestic felts, and is far superior, as is demonstrated elsewhere in this pamphlet.

PRICES

McTEAR'S FLAX ROOFING.

ROOFING COMPLETE.

First Grade, per square.....	\$3 75
Second Grade, per square	3 25
Third Grade, per square.....	2 75

NOTE.—Above prices include sufficient Felt, Coating, Tin Washers and Barbed Wire Nails to complete a square (10 x 10 feet).

PATENT VARNISH.

Per Gallon.....	\$ 50
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SPECIAL DISCOUNTS TO DEALERS AND LARGE BUYERS.

Above prices are at warehouses. Drayage charged on shipments of less than car loads.

Terms 30 days, or 2 per cent discount for cash in 10 days from date of invoice.

To insure speedy delivery, give shipping directions.

Either order by the square, or give roof dimensions.

No fractional squares sold.

Remittances must be made in funds current in St. Louis.

If "Prepaid Station," remit money with order for freight.

All bills subject to sight draft when due.

Orders or inquiries from strangers should contain references.

 Send all orders to H. Reinstedler, Nos. 1104 to 1108 North Third Street, St. Louis, Mo.

**SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.**



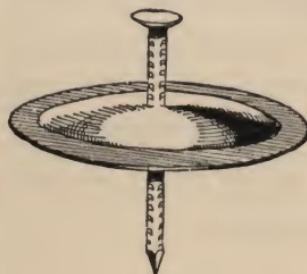
(Hair Brush.)

BRUSHES.

I import two kinds of Brushes, i. e., Hair and Cocoanut, which are used and particularly adapted for putting on McTEAR & CO.'S ROOFING. I recommend especially the Hair Brush to contractors and others who engage in roof-painting, to be the best and most satisfactory brush made.

Prices made on application.

ROOFING NAILS AND WASHERS



(Nail and Washer.)

I furnish Barbed Wire Nails, which are used together with Tin Washers for fastening the Roofing to the sheathing. The nail is driven through the washer, which prevents the nail head from sinking into the felt. About one and one-half pounds of washers, and one pound of nails are required for one square (100 square feet) of Flax Roofing.

SEND FOR SAMPLES AND PRICES

**ASTM GOODS IMPORTED DIRECT FROM FACTORIES IN BELFAST,
MANCHESTER AND LONDON.**

WHAT ELSE IS THIS FELT USED FOR BESIDES ROOFING?

It is also used for a variety of other purposes, i. e.:

AS FOUNDATION FELT.—When coated on both sides with Felt Varnish it will effectually prevent damp rising in walls.

AS AN OUTSIDE LINING FOR WALLS OF WOODEN HOUSES, STABLES, STORES, BREWERIES, ICE HOUSES, REFRIGERATORS, ETC.—It is very suitable for this purpose, being damp-proof, vermin-proof, waterproof and practically fireproof, and when painted makes a handsome, cheap and durable building. The paint is of a strong, coarse body.

AS INSIDE LINING FOR GRAIN STORES, ETC.—As a preventive against rats, mice, insects and other vermin.

AS SARKING AND UNDER FLOORINGS.—To protect ceilings underneath from wet or damp, and for deadening sound.

ASTM CAUTION---BEWARE OF MISREPRESENTATIONS! BUY MC-TEAR & CO.'S FLAX ROOFING. IT IS THE BEST.

**SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.**

**TO HARDWARE MERCHANTS, LUMBER, MACHIN-
ERY AND AGRICULTURAL IMPLEMENT DEAL-
ERS, DEALERS IN BUILDING MATERIALS,
AND GENERAL MERCHANTS.**

There is a constant demand in every section of the country for a cheap and durable roofing.

A dealer in good standing cannot afford to handle a roofing that is worthless, and thereby ruin his reputation and lose his trade.

McTear & Co.'s Flax Roofing meets all the requirements of a first-class roof covering.

Dealers in Hardware, Lumber, Machinery, Agricultural Implements and Building Material could not add a more profitable auxiliary to their business. I desire to establish an agency in every town for the sale of this Roofing, and propose to give a dealer exclusive control of a specified territory, protecting him in terms and prices, provided he will carry it in stock and show his ability to push the sale of the goods.

Parties desiring to add this roofing to their present business will find it advantageous to correspond with me on this subject. I am prepared to make special arrangements, and offer every encouragement to agents. My terms will be found liberal and satisfactory.

SPECIAL DISCOUNTS TO DEALERS.

CAUTION---BEWARE OF MISREPRESENTATIONS! BUY MC-TEAR & CO.'S FLAX ROOFING. IT IS THE BEST.

~~AS~~ GOODS IMPORTED DIRECT FROM FACTORIES IN BELFAST,
MANCHESTER AND LONDON.

TO CONSUMERS.

McTear & Co.'s Flax Roofing, being very durable, light weight, cheap and easily applied, makes it the most desirable Roof in use.

For sale by Dealers in Lumber, Hardware, Machinery and Implements and General Merchants.

READY FOR USE AND EASILY APPLIED BY ANY ONE.

Samples, estimates of cost and any further desired information will be promptly furnished.

LIBERAL DISCOUNTS TO LARGE CONSUMERS.

A WORD TO FARMERS.

This Roofing is particularly adapted for use on Dwellings, Barns, Hay Sheds, Corn Cribs and all Farm Buildings. Any workman can put it on properly and rapidly. It is cheaper than shingles and more durable. You can take a wagon load home with you any time you are in town.

CALL AND SEE IT.

EVERY MAN HIS OWN ROOFER.

McTEAR & CO.'S
NON-CONDUCTING HAIR FELT.

FOR COVERING BOILERS AND STEAM PIPES.

Hair (next to feathers) is well known to be the most complete non-conductor of heat. This Felt is formed entirely of that material; and therefore, by covering boilers, steam pipes, etc., the radiation of heat is effectually prevented, and the power of the steam is consequently retained. The saving of fuel amounts to fully 25 per cent, as proved by the report of Thomas Wickstead, Esq., Engineer to the East London Waterworks Company, Member of the Institute of Civil Engineers, Honorary Member of the Royal Cornish Polytechnic Society, etc., etc.

Manufactured in sheets 32x20 inches, No. 1, weighing 16 oz., No. 2, 24 oz., No. 3, 32 oz., No. 4, 40 oz., and No. 5, 48 oz.

DIRECTIONS FOR APPLICATION.

Mix white lead, 2 parts; red lead, 1½ parts; and whiting, 4 parts, with boiled linseed oil, till the cement is about the consistence of treacle—grinding the whole quite smooth.

Spread the cement evenly on that side of the Felt which is to be applied to the boiler, covering the edges of the sheet also with the cement.

The Felt thus prepared is to be laid on the boiler, patted smoothly down, and in a short time the cement will set, and the felt firmly adhere.

If the felt is in a situation likely to be rubbed, it will be well to protect it with a covering of canvas, or some similar material which may be painted according to fancy.

For steam pipes no cement is needed. The Felt should be wrapped round and secured by twine.

**TO MAKE A GOOD AND PERMANENT JOB, McTEAR & CO. RECOMMEND
THE FOLLOWING:**

Place Roofing Felt next the boiler, then lay the Hair Felt on the Roofing, and coarse canvas over the Hair Felt, securing the whole by iron rods, or in any other practicable manner. Wherever this has been tried it has given complete satisfaction.

SEND FOR SAMPLES AND PRICES.

McTEAR & CO.'S

SHEATHING FELT.

FOR COVERING SHIP'S BOTTOMS, ETC.

This Felt is confidently submitted to builders, ship-owners, and commanders, as an article over which the copper will lie perfectly smooth. It is stronger and more durable than any other description of sheathing, and the surface being level, tissues close, elastic and well manufactured, it insures a more durable job, and the better preservation of the wood.

It prevents the ravages of the worm in any climate.

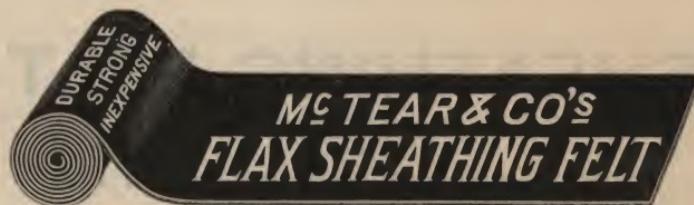
Manufactured in long rolls 32 inches wide, or in double sheets 40x32 inches.

**SEND ALL ORDERS TO H. REINSTEDLER, 1104 TO 1108 NORTH
THIRD STREET, ST. LOUIS, MO.**

McTEAR & CO.'S

FLAX SHEATHING FELT.

(Made of the same materials and in the same way as the Roofing Felt, only not so thick.)



This Felt is made of the fibre of Irish Flax firmly carded together and then saturated with native asphalte and rolled under heavy pressure, producing a firm, strong and substantial body. It is undoubtedly the best article in the market for sheathing and lining purposes, being very durable, air-tight, water and damp-proof, practically fire-proof, strong, storm-proof and inexpensive.

It is made in rolls 32 inches wide and 75 feet long, weighing about 20 pounds to the builder's square of 100 square feet.

FOR LINING FRAME BUILDINGS.

McTear's Flax Sheathing Felt is particularly adapted for this purpose and is superior to anything in use. Being a non-conductor of heat and cold, the building is much warmer in winter and cooler in summer. It is absolutely water-proof and damp-proof, and will last as long as the building upon which it is used.

NOTE.—It is a great waste of money to cover buildings with cheap building papers, with which the market is flooded, as they soon mildew and fall to pieces and are worse than nothing at all, and are no protection whatever. To be of service a building felt must be water and damp-proof; and durable.

MCTEAR & CO.'S FLAX FELT IS THE BEST.

FOR PUTTING DOWN UNDER FLOORS.

This Felt is very valuable for putting under floors, and it effectually prevents rising dampness and moisture from entering the building, which keeps it very healthy and also increases the warmth of the rooms. Nearly everyone has experienced living in houses with cold floors, and can appreciate the value of this Felt as an effectual preventative.

FOR PUTTING UNDER ROOFS.

It is also a superior article to any other for putting under slate, tin, tile and shingle roofs, being water and practically fire-proof and very durable.

FOR GRAVEL ROOFS.

McTear & Co.'s Flax Felt is the most suitable and best in use for making gravel roofs, and although it costs more per square than the ordinary single ply Tarred Felt, it makes up a better and cheaper roof, as two thicknesses of this Felt would be far stronger and more durable than four or five ply of the former, and it requires less work to put it on. Take a piece of the ordinary Tarred Felt and test its strength as compared with McTear & Co.'s Flax Felt, and then consider the material of which each is composed, and decide which is the more durable.

SEND FOR SAMPLES AND PRICES.

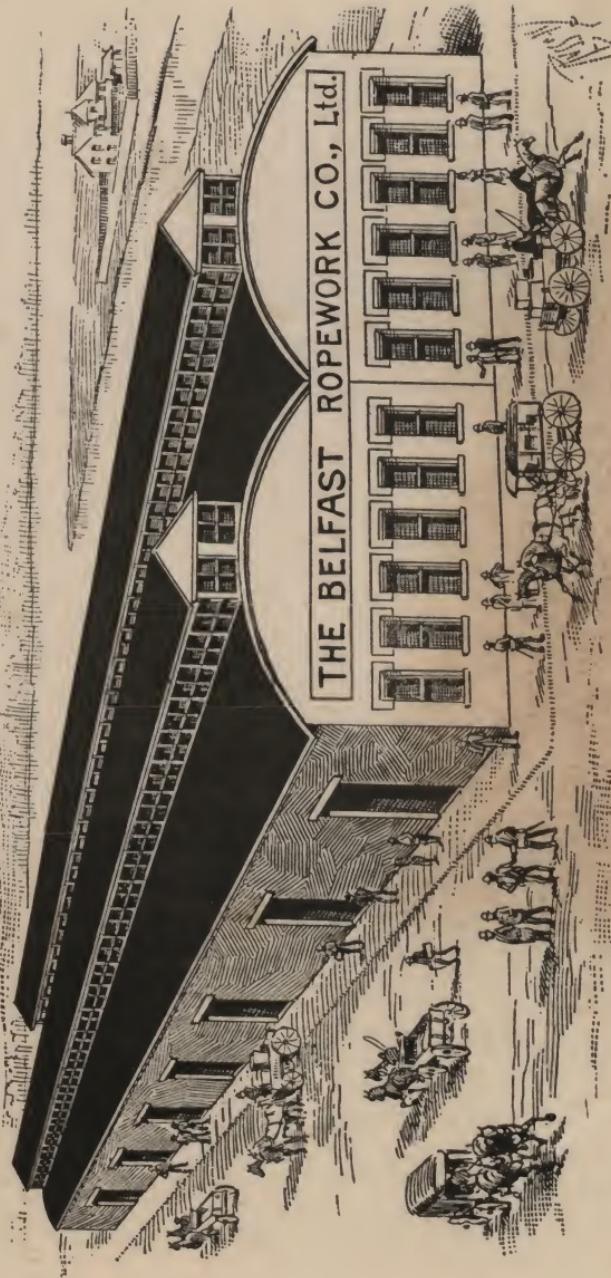
H. REINSTEDLER,

WHOLESALE IMPORTER AND DEALER,

NUMBERS 1104 TO 1108 NORTH THIRD STREET,

ST. LOUIS, MO., U. S. A.





The Belfast Ropework Co., Limited, of Belfast, Ireland, have used over 500,000 square feet of McTear & Co.'s Patent Flax Roofing during the past thirty years. The above is a picture of one of their buildings, containing 80,000 square feet, which has been covered for 20 years.

See copy of a letter from them published in this pamphlet.

H. REINSTEDLER,

WHOLESALE IMPORTER AND DEALER,

NOS. 1104 TO 1108 NORTH THIRD STREET,

ST. LOUIS, MISSOURI, U. S. A.